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› Tapo C560WS 4K 3600 WLAN Outdoor Surveillance Camera User Manual

Tapo Tapo C560WS

Tapo C560WS 4K 3600 WLAN Outdoor Surveillance Camera User Manual

Model: Tapo C560WS

Brand: Tapo

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your Tapo C560WS 4K 3600 WLAN Outdoor Surveillance Camera. The Tapo C560WS is designed to provide advanced outdoor security monitoring with its high-resolution 4K video, 360-degree panoramic view, and intelligent AI detection capabilities. Please read this manual thoroughly before using the device to ensure proper setup and optimal performance.



Figure 1: Tapo C560WS 4K 3600 WLAN Outdoor Surveillance Camera. This image shows the sleek, white design of the camera with its pan-tilt mechanism and lens, indicating its outdoor suitability.

2. KEY FEATURES OVERVIEW

The Tapo C560WS camera offers a range of advanced features for robust outdoor surveillance:

- **4K Ultra-HD & 3600 Panorama:** Delivers crisp 8MP video with motorized pan and tilt for full area coverage.
- **Wi-Fi 6 Dual-Band:** Supports 2.4 GHz and 5 GHz Wi-Fi 6 for stable and fast connections.
- **Color Night Vision & Spotlight:** Provides detailed color images even in low-light conditions using a Starlight sensor and integrated spotlight.
- **Intelligent AI Detection:** Distinguishes between people, pets, and vehicles to reduce false alarms.
- **Automatic Smart Tracking:** Automatically follows detected moving objects.
- **Local & Cloud Storage:** Supports microSD cards up to 512 GB and optional Tapo Care cloud storage.
- **IP66 Weatherproof:** Durable housing protects against rain, dust, and extreme temperatures.

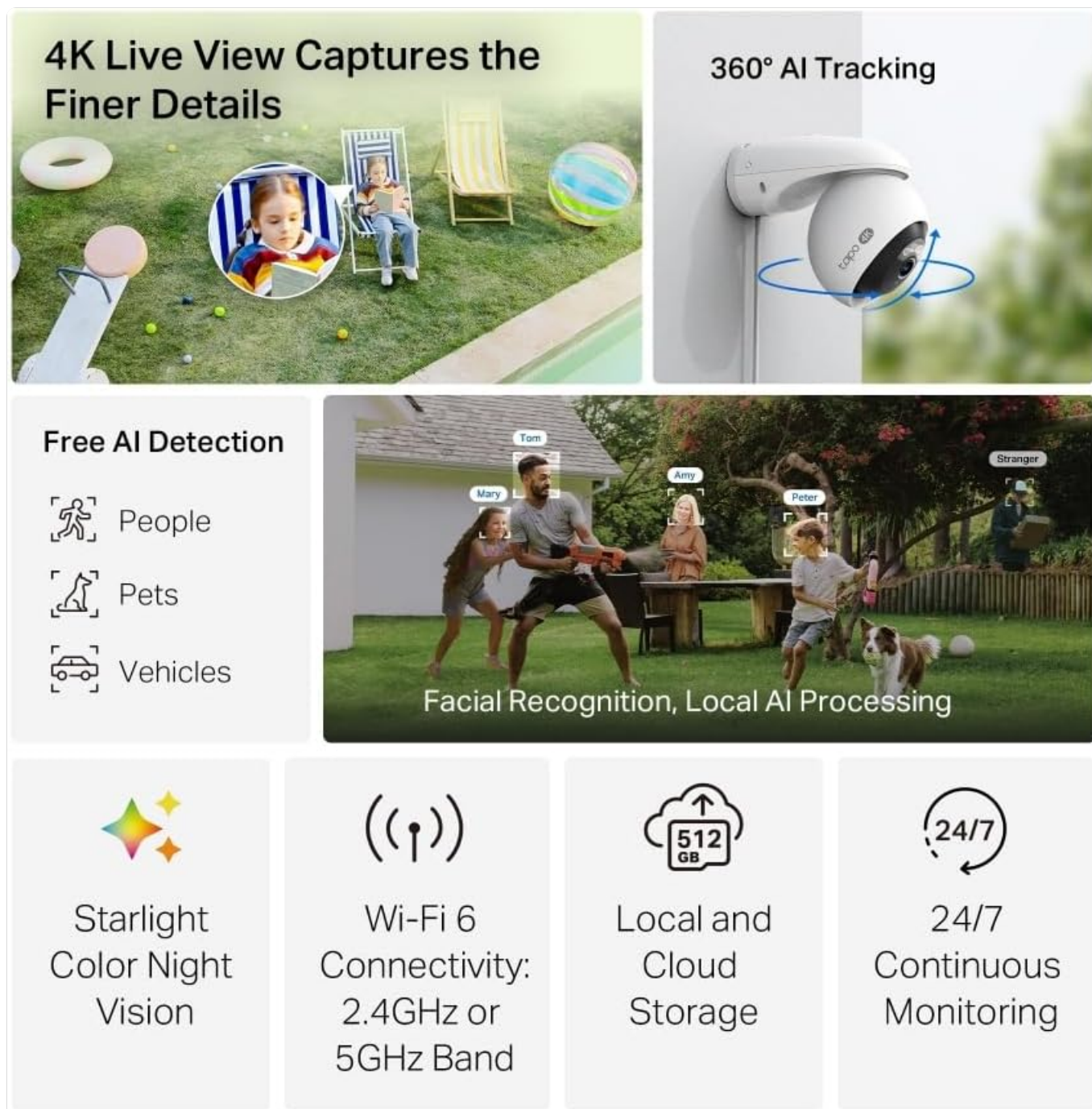


Figure 2: Overview of Tapo C560WS key features. This graphic highlights 4K live view, 3600 AI tracking, free AI detection for people, pets, and vehicles, Starlight Color Night Vision, Wi-Fi 6 connectivity, local and cloud storage, and 24/7 continuous monitoring.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and in good condition. The standard package for the Tapo C560WS typically includes:

- Tapo C560WS 4K 3600 WLAN Outdoor Surveillance Camera
- Power Adapter
- Mounting Template
- Mounting Screws and Anchors
- Waterproof Seal
- Quick Start Guide

Note: A microSD card (up to 512 GB) is not included and must be purchased separately for local storage.



Figure 3: Tapo C560WS product packaging. The image displays the retail box, which typically contains the camera and its essential accessories.

4. SETUP AND INSTALLATION

4.1 Before You Begin

- Ensure you have a stable Wi-Fi network (2.4 GHz or 5 GHz) available at the installation location.
- Download the Tapo app from the App Store (iOS) or Google Play Store (Android).
- Have your Wi-Fi network name (SSID) and password ready.

4.2 Initial Setup with Tapo App

1. **Power On:** Connect the camera to a power outlet using the provided power adapter. The camera's LED indicator will blink red and green.
2. **Open Tapo App:** Launch the Tapo app and log in or create a new TP-Link ID.
3. **Add Device:** Tap the "+" icon in the top right corner of the app, then select your camera model (Tapo C560WS).
4. **Follow In-App Instructions:** The app will guide you through connecting the camera to your Wi-Fi network. The Tapo C560WS supports Wi-Fi 6 dual-band connectivity for enhanced stability.
5. **Name Your Camera:** Assign a name to your camera for easy identification.

Wi-Fi 6



Wi-Fi 6 Connectivity: 2.4GHz or 5GHz Band

tapo

Figure 4: Wi-Fi 6 Dual-Band Connectivity. This image illustrates how the camera connects to both 2.4 GHz and 5 GHz Wi-Fi networks within a home environment, ensuring stable data transmission.

4.3 Physical Installation

The Tapo C560WS is designed for outdoor use and is IP66 weatherproof. Choose a mounting location that provides the desired viewing angle and is within range of your Wi-Fi signal.

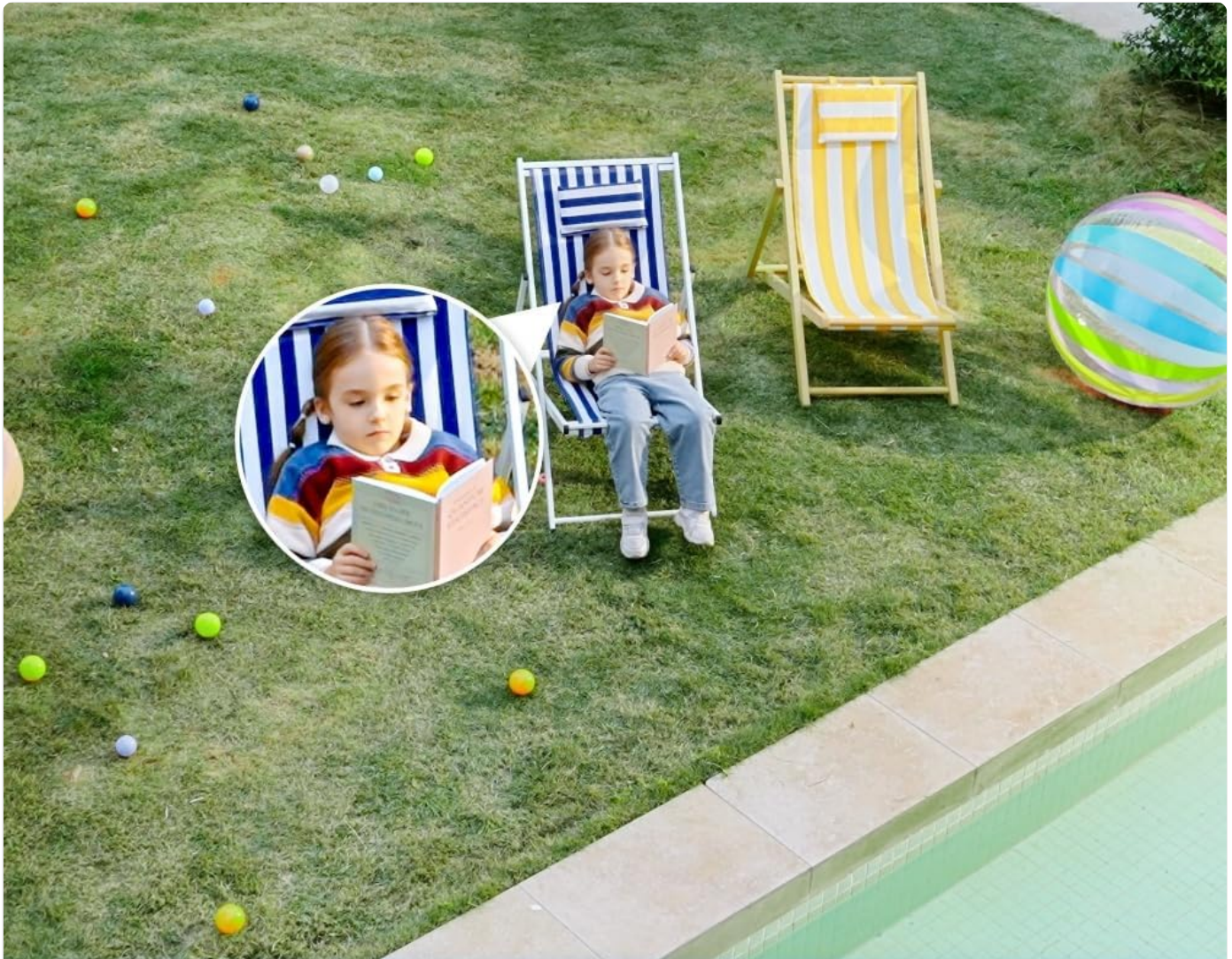
1. **Choose Location:** Select a sturdy surface (wall or ceiling) for mounting.
2. **Use Mounting Template:** Affix the provided mounting template to the desired location and drill pilot holes.
3. **Secure Base:** Insert wall anchors (if necessary) and secure the camera's mounting base with the provided screws.
4. **Attach Camera:** Attach the camera body to the secured mounting base.
5. **Waterproof Connection:** Ensure all cable connections are properly sealed using the waterproof accessories provided, especially for outdoor installations.

5. OPERATING THE CAMERA

Control and manage your Tapo C560WS camera primarily through the Tapo app.

5.1 Live View and Recording

- **4K Ultra-HD:** Access the live feed in stunning 4K resolution (8MP) for clear details.
- **Pan & Tilt:** Use the controls in the app to remotely rotate the camera horizontally (pan) and vertically (tilt) to cover a 360-degree panoramic view.
- **Two-Way Audio:** Utilize the built-in microphone and speaker for two-way communication.



4K: Unmatched Clarity,
Extended Range

tapo

Figure 5: 4K Unmatched Clarity, Extended Range. This image demonstrates the high-resolution video quality of the Tapo C560WS, showing clear details even at a distance.

5.2 Night Vision

The Tapo C560WS features Starlight Color Night Vision, providing full-color video even in extremely low-light conditions, unlike traditional black-and-white IR night vision. The integrated spotlight can also be activated for enhanced visibility.



Starlight Color Night Vision

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Figure 6: Starlight Color Night Vision. This image compares standard IR night vision (monochrome) with the camera's Starlight Color Night Vision, showing a clear, colorful scene at night.

5.3 Intelligent AI Detection and Tracking

The camera's built-in AI can intelligently identify different types of motion.

- **Free AI Detection:** Receive accurate notifications for people, pets, and vehicles, reducing irrelevant alerts.
- **Facial Recognition (Local AI):** The camera can recognize familiar faces and distinguish them from strangers, processing data locally for privacy.
- **Smart Tracking:** When a detected object moves, the camera automatically adjusts its pan and tilt to keep the object in view.
- **Panoramic Patrol Mode:** Configure the camera to automatically patrol predefined points or areas.

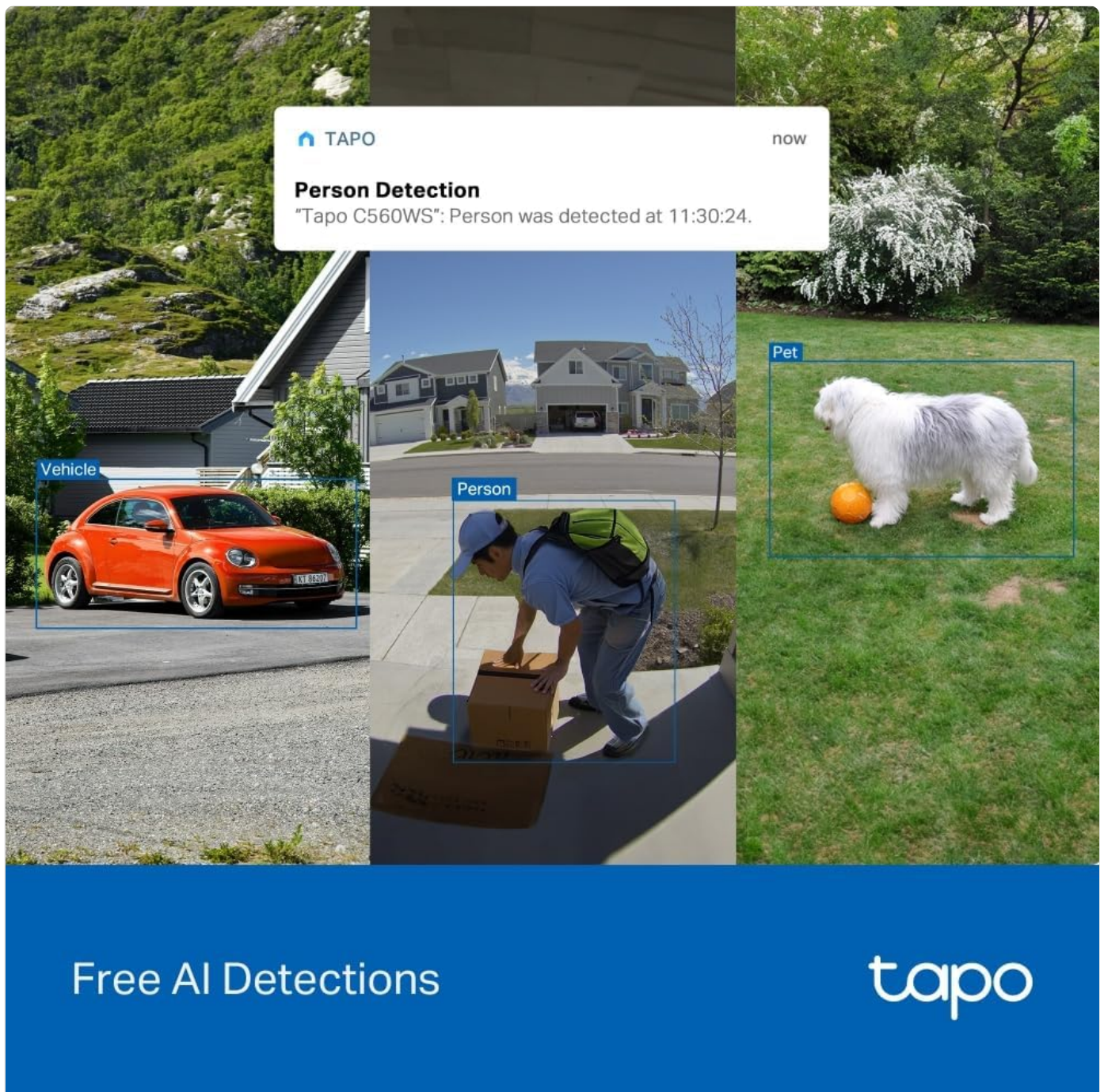


Figure 7: Free AI Detections. This image shows the camera's ability to detect and categorize different objects such as a vehicle, a person, and a pet, with corresponding notifications.



Figure 8: Accurate Facial Recognition, Local AI Processing. This image illustrates the camera's facial recognition feature, identifying individuals in a scene and managing familiar faces.



Figure 9: 360° AI Tracking. This image shows the camera tracking a person on a skateboard, demonstrating its ability to follow moving subjects across its field of view.



Figure 10: Upgraded Panoramic Patrol Mode. This image depicts the camera's ability to automatically patrol a wide outdoor area, covering multiple points of interest around a property.

5.4 Sound and Light Alarm

Upon detection of suspicious activity, the camera can activate a powerful sound and light alarm to deter intruders. This feature can be configured within the Tapo app.

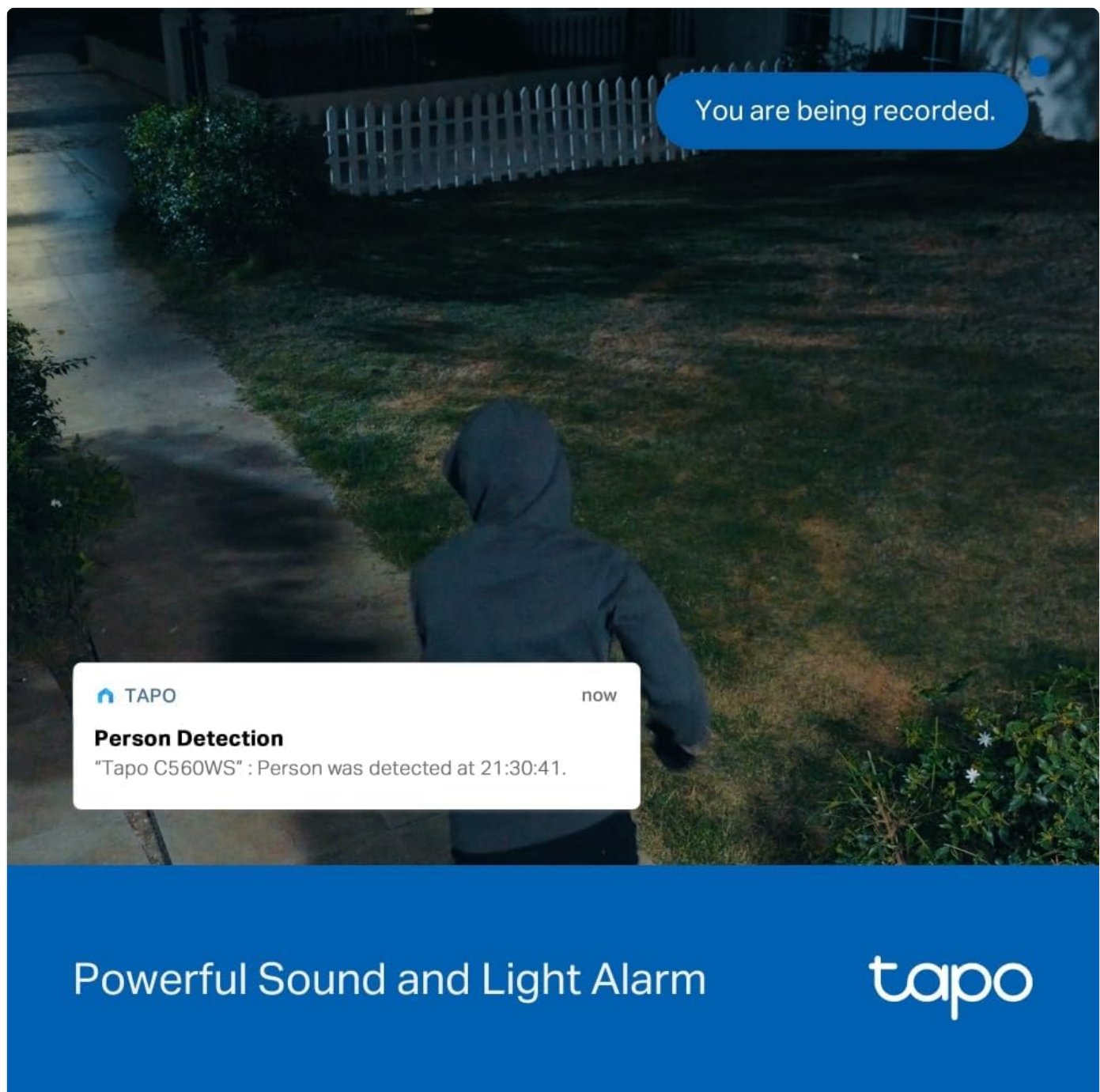


Figure 11: Powerful Sound and Light Alarm. This image shows a notification for person detection and indicates the camera's ability to trigger an alarm, with a visual cue of a person being recorded.

5.5 Storage Options

The Tapo C560WS offers flexible storage solutions for your recorded footage:

- **Local Storage:** Insert a microSD card (up to 512 GB, not included) into the camera's designated slot for continuous recording or event-triggered recordings.
- **Cloud Storage (Tapo Care):** Subscribe to Tapo Care cloud storage for secure, off-site backup of your video recordings. A free trial for the first month is typically available.



Local and Cloud Storage

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Figure 12: Local and Cloud Storage. This image highlights the camera's dual storage capabilities, showing a microSD card slot and implying cloud storage options, with various surveillance scenarios in the background.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Tapo C560WS camera.

- **Cleaning:** Periodically wipe the camera lens and body with a soft, damp cloth to remove dust and dirt. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Check the Tapo app regularly for firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features, security enhancements, and bug fixes.
- **Power Cycle:** If the camera becomes unresponsive, try power cycling it by unplugging and replugging the power adapter.

7. TROUBLESHOOTING

If you encounter issues with your Tapo C560WS camera, refer to the following common troubleshooting steps:

Problem	Possible Solution
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Problem	Possible Solution
Camera offline or unable to connect to Wi-Fi.	Ensure the camera is within range of your Wi-Fi router. Verify your Wi-Fi password is correct. Restart your Wi-Fi router and the camera. Check if the camera's LED indicator shows a connection issue (refer to quick start guide for LED status). Try connecting to the other Wi-Fi band (2.4 GHz or 5 GHz) if your router supports both.
Poor video quality or lag.	Ensure strong Wi-Fi signal strength at the camera's location. Reduce the video resolution setting in the Tapo app if your network bandwidth is limited. Minimize interference from other wireless devices.
Motion detection not working or too many false alarms.	Adjust motion detection sensitivity in the Tapo app. Define activity zones to focus detection on specific areas. Ensure the AI detection features (people, pets, vehicles) are enabled and configured correctly.
MicroSD card not recording.	Ensure the microSD card is inserted correctly. Format the microSD card via the Tapo app. Check if the card is full; enable loop recording if desired. Verify the card is a supported class (Class 10 or higher recommended).

8. SPECIFICATIONS

Feature	Detail
Model Name	Tapo C560WS
Brand	Tapo
Connectivity Technology	WLAN 2.4 GHz / 5 GHz (Wi-Fi 6)
Special Feature	4K 3600 Pan/Tilt, Color Night Vision, AI Detection, Smart Tracking
Usage Environment	Outdoor
Video Resolution	4K (8 Megapixels)
Storage Options	MicroSD card (up to 512 GB), Tapo Care Cloud Storage
Weather Resistance	IP66

9. WARRANTY AND SUPPORT

For detailed warranty information, technical support, and frequently asked questions, please visit the official Tapo website or contact Tapo customer support. Keep your purchase receipt as proof of purchase for warranty claims.

[Visit Tapo Support Website](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question